

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING**

### **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: \_\_\_\_\_

Source: \_\_\_\_\_

Date Processed by STIC: \_\_\_\_\_

10/539,233

IFWP

08/09/2006

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>**> , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):**  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

### Raw Sequence Listing Error Summary

**ERROR DETECTED**

### SUGGESTED CORRECTION

**SERIAL NUMBER:**

10/539, 233

**ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE**

- |    |      |                                    |   |
|----|------|------------------------------------|---|
| 1  | ____ | Wrapped Nucleics<br>Wrapped Aminos | The number/text at the end of each line “wrapped” down to the next line. This may occur if your file was retrieved in a word processor <b>after</b> creating it. Please adjust your right margin to .3; this will prevent “wrapping.”   |
| 2  | ____ | Invalid Line Length                | The rules require that a line <b>not exceed</b> 72 characters in length. This includes white spaces.  |
| 3  | ____ | Misaligned Amino<br>Numbering      | The numbering under each 5 <sup>th</sup> amino acid is misaligned. Do <b>not</b> use tab codes between numbers; use <b>space characters</b> , instead.  |
| 4  | ____ | Non-ASCII                          | The submitted file was <b>not</b> saved in ASCII(DOS) text, as <b>required</b> by the Sequence Rules. <b>Please ensure your subsequent submission is saved in ASCII text.</b>   |
| 5  | ____ | Variable Length                    | Sequence(s)____ contain n’s or Xaa’s representing more than one residue. <b>Per Sequence Rules, each n or Xaa can only represent a single residue.</b> Please present the <b>maximum</b> number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.  |
| 6  | ____ | PatentIn 2.0<br>“bug”              | A “bug” in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. <b>This applies to the mandatory &lt;220&gt;-&lt;223&gt; sections for Artificial or Unknown sequences.</b>  |
| 7  | ____ | Skipped Sequences<br>(OLD RULES)   | Sequence(s) ____ missing. If intentional, please insert the following lines for <b>each</b> skipped sequence:<br>(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where “X” is shown)<br>(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)<br>(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where “X” is shown)<br>This sequence is intentionally skipped<br>Please also adjust the “(ii) NUMBER OF SEQUENCES:” response to <b>include</b> the skipped sequences. |
| 8  | ____ | Skipped Sequences<br>(NEW RULES)   | Sequence(s) ____ missing. If <b>intentional</b> , please insert the following lines for <b>each</b> skipped sequence.<br><210> sequence id number<br><400> sequence id number<br>000  |
| 9  | ____ | Use of n’s or Xaa’s<br>(NEW RULES) | Use of n’s and/or Xaa’s have been detected in the Sequence Listing.<br>Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n’s or Xaa’s are present.<br>In <220> to <223> section, please explain location of <b>n</b> or <b>Xaa</b> , and which residue <b>n</b> or <b>Xaa</b> represents.   |
| 10 | ____ | Invalid <213><br>Response          | Per 1.823 of Sequence Rules, the <u>only valid &lt;213&gt; responses are: Unknown, Artificial Sequence, or scientific name (Genus/species).</u> <220>-<223> section is <b>required</b> when <213> response is Unknown or is Artificial Sequence. (see item 11 below)  |
| 11 | ____ | Use of <220>                       | Sequence(s) ____ missing the <220> “Feature” and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> “Organism” response is “Artificial Sequence” or “Unknown.” Please explain source of genetic material in <220> to <223> section or use “chemically synthesized” as explanation. (See “Federal Register,” 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules   |
| 12 | ____ | PatentIn 2.0<br>“bug”              | Please do not use “Copy to Disk” function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use “File Manager” or any other manual means to copy file to floppy disk.   |
| 13 | ____ | Misuse of n/Xaa                    | “n” can <b>only</b> represent a single nucleotide; “Xaa” can <b>only</b> represent a single amino acid  |



IFWP

## RAW SEQUENCE LISTING

DATE: 08/09/2006

PATENT APPLICATION: US/10/539,233

TIME: 10:09:28

Input Set : A:\4007-009.ST25.txt

Output Set : N:\CRF4\08092006\J539233.raw

3 <110> APPLICANT: COY, Johannes  
 5 <120> TITLE OF INVENTION: COMPOUNDS AND METHODS FOR DETECTION OF CARCINOMAS AND THEIR  
 6 PRECURSOR LEISONS  
 8 <130> FILE REFERENCE: 4007-009  
 10 <140> CURRENT APPLICATION NUMBER: 10/539,233  
 11 <141> CURRENT FILING DATE: 2005-06-16  
 13 <150> PRIOR APPLICATION NUMBER: PCT/EP03/51028  
 14 <151> PRIOR FILING DATE: 2003-12-16  
 16 <160> NUMBER OF SEQ ID NOS: 6  
 18 <170> SOFTWARE: PatentIn version 3.3  
 20 <210> SEQ ID NO: 1  
 21 <211> LENGTH: 20  
 22 <212> TYPE: PRT  
 23 <213> ORGANISM: synthetic peptide  
 25 <400> SEQUENCE: 1  
 27 Arg Glu Leu Asn Arg Phe Asp Gly Ser Gly Pro Tyr Ser Thr Leu Ser  
 28 1 5 10 15  
 31 Ser Pro Gln Leu  
 32 20  
 35 <210> SEQ ID NO: 2  
 36 <211> LENGTH: 18  
 37 <212> TYPE: PRT  
 38 <213> ORGANISM: synthetic peptide  
 40 <400> SEQUENCE: 2  
 42 His Trp Val Ile Ala Asp Gly Glu Asp Thr Thr Val Arg Ala Ser Thr  
 43 1 5 10 15  
 46 His Cys  
 50 <210> SEQ ID NO: 3  
 51 <211> LENGTH: 20  
 52 <212> TYPE: PRT  
 53 <213> ORGANISM: synthetic peptide  
 55 <400> SEQUENCE: 3  
 57 Cys Ala Ser Leu Thr Lys Lys Arg Leu Asp Lys Leu Glu Leu Arg Thr  
 58 1 5 10 15  
 61 Glu Pro Gly Phe  
 62 20  
 65 <210> SEQ ID NO: 4  
 66 <211> LENGTH: 17  
 67 <212> TYPE: PRT  
 68 <213> ORGANISM: synthetic peptide  
 70 <400> SEQUENCE: 4  
 72 Thr Tyr Asp Arg Val Val Leu His Gly Glu Arg Cys Arg Ser Leu Leu  
 73 1 5 10 15

Does Not Comply  
 Corrected Diskette Needed  
 CP3-1,2)

Invalid Response.  
 L2137 Responses can  
 be either Artificial,  
 Unknown or  
 Genus Species  
 See Item  
 #10 on  
 Error  
 Summary  
 Sheet.

## RAW SEQUENCE LISTING

DATE: 08/09/2006

PATENT APPLICATION: US/10/539,233

TIME: 10:09:28

Input Set : A:\4007-009.ST25.txt

Output Set: N:\CRF4\08092006\J539233.raw

76 His

80 &lt;210&gt; SEQ ID NO: 5

81 &lt;211&gt; LENGTH: 16

82 &lt;212&gt; TYPE: PRT

83 &lt;213&gt; ORGANISM: synthetic peptide

85 &lt;400&gt; SEQUENCE: 5

87 Leu Thr Glu Glu Glu Ala Leu Asn Ile Ser Asp His Tyr Pro Val Glu

88 1

5

10

15

91 &lt;210&gt; SEQ ID NO: 6

92 &lt;211&gt; LENGTH: 17

93 &lt;212&gt; TYPE: PRT

94 &lt;213&gt; ORGANISM: synthetic peptide

96 &lt;400&gt; SEQUENCE: 6

98 Val Leu Ser Ser Tyr Val Val Asn Asp Glu Asp Asp Val Phe Ala Arg

99 1

5

10

15

102 Glu

7 Same Error

**VERIFICATION SUMMARY**

DATE: 08/09/2006

PATENT APPLICATION: US/10/539,233

TIME: 10:09:29

Input Set : A:\4007-009.ST25.txt

Output Set: N:\CRF4\08092006\J539233.raw